

ABSTRACT

A disposable nozzle for an airless, polyurethane spray gun has an inlet chamber section sealingly latched to the gun nose for receiving polyurethane foam components, a mixing chamber section adjacent the inlet chamber containing a static mixer for mixing the polyurethane components and a dispensing tip section adjacent the mixing chamber for discharging the polyurethane as a spray. The dispensing tip has a longitudinally extending passage terminating at a rectangular opening in the tip defined by long side edges and short side edges. The length of the long side edges are generally maintained throughout the tip passage and approximate the diameter of the mixing chamber exit to produce a consistent rectangular fan spray pattern from the nozzle. Spray guide tabs extend from the long side edges of the rectangular tip opening to alleviate nozzle drip during dispensing.

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